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SEA PHYTAS? AND NUTRI? AND FOOD?

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L1 QUE PHYTAS? AND NUTRI? AND FOOD?

FILE 'USPATFULL, BIOSIS, DGENE, BIOBUSINESS, PROMT, CAPLUS, FROSTI, FSTA,
SCISEARCH, FEDRIP' ENTERED AT 19:51:51 ON 18 DEC 2002

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phytas\$3 same food\$5 same nutrit\$4	25

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Database: Search: [Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Wednesday, December 18, 2002 [Printable Copy](#) [Create Case](#)**Set Name Query**

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR*L5 phytas\$3 same food\$5 same nutrit\$425 L5L4 phytas\$3 same food\$5 same nutritio\$439 L4*DB=USPT; PLUR=YES; OP=OR*L3 5436156.pn. or 5593963.pn. or 5830696.pn. or 5939303.pn. or
6190897.pn. or L26 L3L2 L1.pn.1 L2L1 536673612 L1

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NEWS 10 Jun 10 MEDLINE Reload
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NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
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NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
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NEWS 33 Nov 25 More calculated properties added to REGISTRY
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NEWS 37 Dec 17 TOXCENTER enhanced with additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN

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=> index bioscience medicine

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67 FILES IN THE FILE LIST IN STNINDEX

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=> s phytas? and nutrit? and food?

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=> s phytas? and nutrit? and food?

L2 969 PHYTAS? AND NUTRIT? AND FOOD?

=> s phytas? (s) food? (s) (nutri? or digest?)

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'PHYTAS? (S) FOOD?'

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'FOOD? (S) '

L3 394 PHYTAS? (S) FOOD? (S) (NUTRI? OR DIGEST?)

=> dup rem l3

DUPLICATE IS NOT AVAILABLE IN 'DGENE, FEDRIP'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3

L4 358 DUP REM L3 (36 DUPLICATES REMOVED)

=> s l4 and coli?

L5 80 L4 AND COLI?

=> d ti l5 1-80

L5 ANSWER 1 OF 80 USPATFULL

TI Phytase enzymes nucleic acids encoding phytase enzymes and vectors and
host cells incorporating same

L5 ANSWER 2 OF 80 USPATFULL

TI Recombinant bacterial phytases and uses thereof

L5 ANSWER 3 OF 80 USPATFULL

TI Phytase variants

L5 ANSWER 4 OF 80 USPATFULL

TI Maize RS81 promoter and methods for use thereof

L5 ANSWER 5 OF 80 USPATFULL

TI Polypeptides controlling phytate metabolism in plants

L5 ANSWER 6 OF 80 USPATFULL

TI Maize L3 oleosin promoter

L5 ANSWER 7 OF 80 USPATFULL

TI Rice actin 2 promoter and intron and methods for use thereof

L5 ANSWER 8 OF 80 USPATFULL

TI The maize A3 promoter and methods for use thereof

L5 ANSWER 9 OF 80 USPATFULL

TI OVEREXPRESSION OF PHYTASE GENES IN YEAST SYSTEMS

L5 ANSWER 10 OF 80 USPATFULL

TI Polypeptides controlling phytate metabolism in plants
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 TI Polypeptides controlling phytate metabolism in plants
 L5 ANSWER 12 OF 80 USPATFULL
 TI Maize RS324 promoter and methods for use thereof
 L5 ANSWER 13 OF 80 USPATFULL
 TI Preparation of thioredoxin and thioredoxin reductase proteins on oil bodies
 L5 ANSWER 14 OF 80 USPATFULL
 TI Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof
 L5 ANSWER 15 OF 80 USPATFULL
 TI Methods of improving the effectiveness of transgenic plants
 L5 ANSWER 16 OF 80 USPATFULL
 TI Transgenic plants containing heat shock protein
 L5 ANSWER 17 OF 80 USPATFULL
 TI Cloning and expression of phytase from aspergillus
 L5 ANSWER 18 OF 80 USPATFULL
 TI Homologous recombination-mediated transgene alterations in plants
 L5 ANSWER 19 OF 80 USPATFULL
 TI Recombinant bacterial phytases and uses thereof
 L5 ANSWER 20 OF 80 USPATFULL
 TI High lysine fertile transgenic corn plants
 L5 ANSWER 21 OF 80 USPATFULL
 TI Methods and compositions for transgene identification
 L5 ANSWER 22 OF 80 USPATFULL
 TI Soybean phytase and nucleic acid encoding the same
 L5 ANSWER 23 OF 80 USPATFULL
 TI Genes controlling phytate metabolism in plants and uses thereof
 L5 ANSWER 24 OF 80 USPATFULL
 TI Phytase-producing bacteria, phytase and production method of phytase
 L5 ANSWER 25 OF 80 USPATFULL
 TI Maize A3 promoter and methods for use thereof
 L5 ANSWER 26 OF 80 USPATFULL
 TI Polypeptides having phytase activity and nucleic acids encoding same
 L5 ANSWER 27 OF 80 USPATFULL
 TI Maize RS81 promoter and methods for use thereof
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 TI Maize RS324 promoter and methods for use thereof
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TI Recombinant bacterial phytases and uses thereof
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 TI Phytase-producing bacteria, phytase and production method of phytase
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 TI Method for reduction of transgene copy number
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 TI Polypeptide with reduced allergenicity
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 TI Phytase-producing bacteria
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 TI Expression of phytase in plants
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 TI Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof
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 TI Polypeptide with reduced allergenicity
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 TI Preparation of heterologous proteins on oil bodies
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 TI Cloning and expression of microbial phytase
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 TI Method for reducing respiratory allergenicity
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 TI Expression of phytase in plants
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 TI Production of enzymes in seeds and their use
 L5 ANSWER 48 OF 80 USPATFULL
 TI Oil-body proteins as carriers of high-value peptides in plants
 L5 ANSWER 49 OF 80 USPATFULL
 TI Expression of phytase in plants
 L5 ANSWER 50 OF 80 USPATFULL
 TI Production of enzymes in seeds and their use
 L5 ANSWER 51 OF 80 USPATFULL
 TI Cloning and expression of phytase from aspergillus

L5 ANSWER 52 OF 80 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI Biotechnological development of effective phytases for mineral nutrition and environmental protection.

L5 ANSWER 53 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 54 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 55 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 56 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 57 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -

L5 ANSWER 58 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 59 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 60 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 61 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI Novel transgenic plant whose genome has promoter which drives expression of nucleic acid encoding hydrolytic enzyme, linked to it in developing seed, germinated seed, useful for producing hydrolytic enzyme in seed -

L5 ANSWER 62 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI Novel transgenic plant whose genome has promoter which drives expression of nucleic acid encoding hydrolytic enzyme, linked to it in developing seed, germinated seed, useful for producing hydrolytic enzyme in seed -

L5 ANSWER 63 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 64 OF 80 DGENE (C) 2002 THOMSON DERWENT
 TI New bacterial **phytase** for e.g. improving the

nutritional value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

- L5 ANSWER 65 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -
- L5 ANSWER 66 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -
- L5 ANSWER 67 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -
- L5 ANSWER 68 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -
- L5 ANSWER 69 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -
- L5 ANSWER 70 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase(s)** from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**
- L5 ANSWER 71 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase(s)** from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**
- L5 ANSWER 72 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase(s)** from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**
- L5 ANSWER 73 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase(s)** from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**
- L5 ANSWER 74 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase(s)** from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**
- L5 ANSWER 75 OF 80 CAPLUS COPYRIGHT 2002 ACS
TI New phytases identified by sequence homology and their use in food processing to lower phytic acid content
- L5 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2002 ACS
TI Recombinant bacterial **phytases** and uses for improved **nutritional** value of phytate-containing **foodstuffs**
- L5 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2002 ACS

TI Improving enzymatic reduction of myo-inositol phosphates with inhibitory effects on mineral absorption in black beans (Phaseolus vulgaris var. Preto)

L5 ANSWER 78 OF 80 CAPLUS COPYRIGHT 2002 ACS

TI Phytase from Bacillus subtilis, its gene sequence and cloning, method for its production and use in food and feed processing

L5 ANSWER 79 OF 80 FROSTI COPYRIGHT 2002 LFRA

TI Recombinant bacterial phytases and uses thereof.

L5 ANSWER 80 OF 80 FEDRIP COPYRIGHT 2002 NTIS

TI Iowa Biotechnology Byproducts Consortium

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L4 358 DUP REM L3 (36 DUPLICATES REMOVED)
L5 80 S L4 AND COLI?

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ENTRY

SESSION

FULL ESTIMATED COST

22.76

24.03

SESSION WILL BE HELD FOR 60 MINUTES

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